



REQUESTED BY

DATE \_\_\_\_\_

8/2/89

APPROVED BY

TO BE FILLED IN BY PURCHASING DEPT

DATE \_\_\_\_\_

8/22/89

### PURPOSE OR USE

5-674

TO BE FILLED IN BY PURCHASING DEPT.

P.O. NUMBER

M12418

DELIVERY NEEDED BY

VENDOR

N. W. ENVIRO SERVICES

SHIP TO ADDRESS

## CONTACT

TELEPHONE  
NO.**SUGGESTED  
VENDOR**

**DELIVERY  
PROMISED**

8/22/89

SHIP VIA



JOB# 10363

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039. Expires 9-30-91

|  |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
|--|--|---|--|---|--------------------------------------|--|--|---|--|-----------------------------------|--|------------------|--|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>  |  | 1. Generator's US EPA ID No.<br><b>WAD980738546</b> |  | Manifest Document No.<br><b>06170</b>       |                                      | 2. Page 1 of 1                               |  | Information in the shaded areas is not required by Federal law. |  |                                   |  |                  |  |  |
| 3. Generator's Name and Mailing Address<br><b>Alaskan Copper Works<br/>628 South Hanford, Seattle, WA 98124</b>  |  |   |  |   |                                      | A. State Manifest Document Number            |  |   |  |                                   |  |                  |  |  |
| 4. Generator's Phone <b>(206) 382-6569</b>   |  |   |  |   |                                      | B. State Generator's ID                      |  |   |  |                                   |  |                  |  |  |
| 5. Transporter 1 Company Name<br><b>Northwest EnviroService, Inc.</b>  |  |   |  | 6. US EPA ID Number<br><b>WAD058367152</b>  |                                      | C. State Transporter's ID                    |  |   |  |                                   |  |                  |  |  |
| 7. Transporter 2 Company Name  |  |   |  | 8. US EPA ID Number                         |                                      | D. Transporter's Phone <b>(206) 622-1090</b> |  |   |  |                                   |  |                  |  |  |
| 9. Designated Facility Name and Site Address<br><b>Northwest EnviroService, Inc.<br/>1500 Airport Way South<br/>Seattle, WA 98134</b>  |  |   |  | 10. US EPA ID Number<br><b>WAD058367152</b> |                                      | E. State Transporter's ID                    |  |   |  |                                   |  |                  |  |  |
|  |  |   |  |   |                                      | F. Transporter's Phone                       |  |   |  |                                   |  |                  |  |  |
|  |  |   |  |   |                                      | G. State Facility's ID                       |  |   |  |                                   |  |                  |  |  |
|  |  |   |  |   |                                      | H. Facility's Phone<br><b>(206) 622-1090</b> |  |   |  |                                   |  |                  |  |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  |  |   |  |   |                                      | 12. Containers                               |  | 13. Total Quantity  |  | 14. Unit Wt/Vol                   |  | 15. Waste No.    |  |  |
| a. <b>RM</b> Waste hazardous substance, <del>liquid</del> <sup>Solid</sup> , n.o.s. ORM-E, NA9188. (D007 F006)   |  |   |  |   |                                      | 1  |  | DM  |  | 55                                |  | G D007 F006 WT01 |  |  |
| b. <b>RM</b> Waste hazardous substance, <del>liquid</del> <sup>Solid</sup> , n.o.s. ORM-E, NA9188. (D007 F006)   |  |   |  |   |                                      | 1  |  | DM  |  | 55                                |  | G D007 F006 WT01 |  |  |
| c. <b>RM</b> Waste hazardous substance, solid, n.o.s. ORM-E, NA9188. (D007 F006)   |  |   |  |   |                                      | 1  |  | DM  |  | 400                               |  | P D007 F006 WT01 |  |  |
| d. <b>RM</b> Waste hazardous substance, solid, n.o.s. ORM-E, NA9188. (D007 F006)   |  |   |  |   |                                      | 1  |  | DM  |  | 400                               |  | P D006 D007 F006 |  |  |
| J. Additional Descriptions for Materials Listed Above  |  |   |  |   |                                      | K. Handling Codes for Wastes Listed Above    |  |   |  |                                   |  |                  |  |  |
| a) WPQ 18900 - Heavy metal, sludge, chromium, nickel - HWP-L   |  |   |  |   |                                      | a, b, c, d) 5011, T285, T387                 |  |   |  |                                   |  |                  |  |  |
| b) WPQ 18901 - Heavy metal sludge, chromium, nickel - HWP-L  |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
| c) WPQ 18902 - Heavy metal sludge - chromium, nickel - HWP-L   |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
| d) WPQ 18903 - Heavy metal sludge - cadmium, chromium, nickel - HWP-L  |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
| 15. Special Handling Instructions and Additional Information   |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.<br><br>If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
| Printed/Typed Name<br><b>Joe O'Leary</b>   |  |   |  |   | Signature<br><i>Joe O'Leary</i>      |  |  |   |  | Month Day Year<br><b>08/22/89</b> |  |                  |  |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials  |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
| Printed/Typed Name<br><b>Jeffrey M. Kulme</b>  |  |   |  |   | Signature<br><i>Jeffrey M. Kulme</i> |  |  |   |  | Month Day Year<br><b>08/22/89</b> |  |                  |  |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials  |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
| Printed/Typed Name   |  |   |  |   | Signature                            |  |  |   |  | Month Day Year                    |  |                  |  |  |
| 19. Discrepancy Indication Space   |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.   |  |   |  |   |                                      |  |  |   |  |                                   |  |                  |  |  |
| Printed/Typed Name<br><b>Patrick Weaver</b>  |  |   |  |   | Signature<br><i>Patrick Weaver</i>   |  |  |   |  | Month Day Year<br><b>08/22/89</b> |  |                  |  |  |



| UNIFORM HAZARDOUS WASTE MANIFEST  |  | 1. Generator's US EPA ID No.<br>WAD960738546 | Manifest Document No.<br>06170 | 2. Page 1 of 1                            | Information in the shaded areas is not required by Federal law. |                      |
|---|--|--|--------------------------------|---|---|----------------------|
| 3. Generator's Name and Mailing Address<br>Alaskan Copper Works<br>628 South Hanford, Seattle, WA 98124   |  |  |                                | A. State Manifest Document Number         |   |                      |
| 4. Generator's Phone (206) 382-6569   |  |  |                                | B. State Generator's ID                   |   |                      |
| 5. Transporter 1 Company Name<br>Northwest EnviroService, Inc.  |  | 6. US EPA ID Number<br>WAD058367152          |                                | C. State Transporter's ID                 |   |                      |
| 7. Transporter 2 Company Name   |  | 8. US EPA ID Number                          |                                | D. Transporter's Phone (206) 622-1090     |   |                      |
| 9. Designated Facility Name and Site Address<br>Northwest EnviroService, Inc.<br>1500 Airport Way South<br>Seattle, WA 98134  |  | 10. US EPA ID Number<br>WAD058367152         |                                | E. State Transporter's ID                 |   |                      |
|   |  |  |                                | F. Transporter's Phone                    |   |                      |
|   |  |  |                                | G. State Facility's ID                    |   |                      |
|   |  |  |                                | H. Facility's Phone<br>(206) 622-1090     |   |                      |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)   |  |  |                                | 12. Containers                            | 13. Total Quantity  | 14. Unit Wt/Vol      |
|   |  |  |                                | No.                                       | Type  | Waste No.            |
| a. RQ Waste hazardous substance, <u>Solid</u> , n.o.s.<br>ORM-E, NA9188. (D007 F006)  |  |  |                                | 1   | DM  | 55 G D007 F006 WT01  |
| b. RQ Waste hazardous substance, <u>Solid</u> , n.o.s.<br>ORM-E, NA9188. (D007 F006)  |  |  |                                | 1   | DM  | 55 G D007 F006 WT01  |
| c. RQ Waste hazardous substance, solid, n.o.s.<br>ORM-E, NA9188. (D007 F006)  |  |  |                                | 1   | DM  | 400 P D007 F006 WT01 |
| d. RQ Waste hazardous substance, solid, n.o.s.<br>ORM-E, NA9188. (D007 F006)  |  |  |                                | 1   | DM  | 400 P D006 D007 F006 |
| J. Additional Descriptions for Materials Listed Above   |  |  |                                | K. Handling Codes for Wastes Listed Above |   |                      |
| a) WPQ 18900 - Heavy metal, sludge, chromium, nickel - HWP-L  |  |  |                                |   |   |                      |
| b) WPQ 18901 - Heavy metal sludge, chromium, nickel - HWP-L   |  |  |                                |   |   |                      |
| c) WPQ 18902 - Heavy metal sludge - chromium, nickel - HWP-L  |  |  |                                |   |   |                      |
| d) WPQ 18903 - Heavy metal sludge - cadmium, chromium, nickel - HWP-L   |  |  |                                |   |   |                      |
| 15. Special Handling Instructions and Additional Information  |  |  |                                |   |   |                      |
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| If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |  |                                |   |   |                      |
| Printed/Typed Name  |  |  |                                | Signature                                 |   | Month Day Year       |
| 17. Transporter 1 Acknowledgement of Receipt of Materials   |  |  |                                | Signature                                 |   | Month Day Year       |
| Printed/Typed Name  |  |  |                                | Signature                                 |   | Month Day Year       |
| 18. Transporter 2 Acknowledgement of Receipt of Materials   |  |  |                                | Signature                                 |   | Month Day Year       |
| Printed/Typed Name  |  |  |                                | Signature                                 |   | Month Day Year       |
| 19. Discrepancy Indication Space  |  |  |                                |   |   |                      |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  |  |  |                                |   |   |                      |
| Printed/Typed Name  |  |  |                                | Signature                                 |   | Month Day Year       |



Please print or type (Form designed for use on 12 pitch typewriter)

Form Approved, OMB No. 2060-0039, Expires 9-30-91

| UNIFORM HAZARDOUS WASTE MANIFEST   |  | 1. Generator's US EPA ID No.<br>WAD980738546 | Manifest Document No.<br>06170 | 2. Page 1 of 1                            | Information in the shaded areas is not required by Federal law. |                            |
|--|--|--|--------------------------------|---|---|----------------------------|
| 3. Generator's Name and Mailing Address<br>Alaskan Copper Works<br>628 South Hanford, Seattle, WA 98124  |  |  |                                | A. State Manifest Document Number         |   |                            |
| 4. Generator's Phone (206) 382-6569  |  |  |                                | B. State Generator's ID                   |   |                            |
| 5. Transporter 1 Company Name<br>Northwest EnviroService, Inc.   |  | 6. US EPA ID Number<br>WAD058367152          |                                | C. State Transporter's ID                 |   |                            |
| 7. Transporter 2 Company Name  |  | 8. US EPA ID Number                          |                                | D. Transporter's Phone (206) 622-1090     |   |                            |
| 9. Designated Facility Name and Site Address<br>Northwest EnviroService, Inc.<br>1500 Airport Way South<br>Seattle, WA 98134   |  | 10. US EPA ID Number<br>WAD058367152         |                                | E. State Transporter's ID                 |   |                            |
|  |  |  |                                | F. Transporter's Phone                    |   |                            |
|  |  |  |                                | G. State Facility's ID                    |   |                            |
|  |  |  |                                | H. Facility's Phone<br>(206) 622-1090     |   |                            |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  |  |  |                                | 12. Containers                            | 13. Total Quantity  | 14. Unit                   |
|  |  |  |                                | No.                                       | Type  | Wt/Vol                     |
| a. RM Waste hazardous substance, <u>Solid</u> , n.o.s.<br>ORM-E, NA9188. (D007 F006)   |  |  |                                | 1   | DM  | SS                         |
| b. RM Waste hazardous substance, <u>Solid</u> , n.o.s.<br>ORM-E, NA9188. (D007 F006)   |  |  |                                | 1   | DM  | SS                         |
| c. RM Waste hazardous substance, solid, n.o.s.<br>ORM-E, NA9188. (D007 F006)   |  |  |                                | 1   | DM  | 400                        |
| d. RM Waste hazardous substance, solid, n.o.s.<br>ORM-E, NA9188. (D007 F006)   |  |  |                                | 1   | DM  | 400                        |
| J. Additional Descriptions for Materials Listed Above  |  |  |                                | K. Handling Codes for Wastes Listed Above |   |                            |
| a) WPQ 18900 - Heavy metal, sludge, <u>chromium</u> , nickel - HWP-L   |  |  |                                |   |   |                            |
| b) WPQ 18901 - Heavy metal sludge, chromium, nickel - HWP-L  |  |  |                                |   |   |                            |
| c) WPQ 18902 - Heavy metal sludge - chromium, nickel - HWP-L   |  |  |                                |   |   |                            |
| d) WPQ 18903 - Heavy metal sludge - <u>cadmium</u> , chromium, nickel - HWP-L  |  |  |                                |   |   |                            |
| 15. Special Handling Instructions and Additional Information<br>D code   |  |  |                                |   |   |                            |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.<br><br>If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |  |                                |   |   |                            |
| Printed/Typed Name<br>J. Olson   |  |  |                                | Signature<br>[Signature]                  |   | Month Day Year<br>08/22/84 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials  |  |  |                                |   |   |                            |
| Printed/Typed Name<br>Jeffrey M. Hulme   |  |  |                                | Signature<br>[Signature]                  |   | Month Day Year<br>08/22/84 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials  |  |  |                                |   |   |                            |
| Printed/Typed Name   |  |  |                                | Signature                                 |   | Month Day Year             |
| 19. Discrepancy Indication Space   |  |  |                                |   |   |                            |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.   |  |  |                                |   |   |                            |
| Printed/Typed Name   |  |  |                                | Signature                                 |   | Month Day Year             |



Cyanide Based P waste - P013, P021, P029, P030, P063, P074, P098, P099, P104, P106, P121:

|           |                   |      |
|-----------|-------------------|------|
|           | Non-wastewater:   |      |
|           | Cyanide(Total)    | 110  |
|           | Cyanide(Amenable) | .064 |
|           | Wastewater:       |      |
|           | Cyanide(Total)    | 1.9  |
|           | Cyanide(Amenable) | .10  |
| P074      | - Nickel          | .32  |
| P099,P109 | - Silver          | .072 |

Specific Technology of incineration or energy recovery.

Non-wastewater - K027, K039, K113, K114, K115, K116,  
P040, P041, P043, P044, P062, P085, P109, P111,  
U058, U087, U221, U223

Wastewater forms carbon absorption or incineration

A. I certify all information submitted is complete and accurate to the best of my knowledge.

WAYNE LARSEN      Wayne  
Printed/Typed Name      Signature

B. If the waste is in compliance specified in 40 CFR 268 Subpart D statement.

I certify under penalty of law that I am familiar with the waste through my knowledge of the waste to support that it complies with the treatment standards RCRA Section 3004 (d). I am aware of the penalties for submitting a false statement, the possibility of a fine and imprisonment

06170 - of 1 and bar

\_\_\_\_\_  
Printed/Type Name      Signature      Date

C. Restricted waste subject to variance. List the specific variance:

I certify all information submitted is complete and accurate to the best of my knowledge.

\_\_\_\_\_  
Printed/Typed Name      Signature      Date



Cyanide Based P waste - P013, P021, P029, P030, P063, P074, P098, P099, P104, P106, P121:

|           |                   |      |
|-----------|-------------------|------|
|           | Non-wastewater:   |      |
|           | Cyanide(Total)    | 110  |
|           | Cyanide(Amenable) | .064 |
|           | Wastewater:       |      |
|           | Cyanide(Total)    | 1.9  |
|           | Cyanide(Amenable) | .10  |
| P074      | - Nickel          | .32  |
| P099,P109 | - Silver          | .072 |

Specific Technology of incineration or energy recovery.

Non-wastewater - K027, K039, K113, K114, K115, K116,  
P040, P041, P043, P044, P062, P085, P109, P111,  
U058, U087, U221, U223

Wastewater forms carbon absorption or incineration

A. I certify all information submitted is complete and accurate to the best of my knowledge.

|                     |                     |      |
|---------------------|---------------------|------|
| <u>WAYNE LARSEN</u> | <u>Wayne Larsen</u> |      |
| Printed/Typed Name  | Signature           | Date |

B. If the waste is in compliance with the applicable standards specified in 40 CFR 268 Subpart D sign the following certification statement.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR 268.32 or RCRA Section 3004 (d). I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

|                   |           |       |
|-------------------|-----------|-------|
| _____             | _____     | _____ |
| Printed/Type Name | Signature | Date  |

C. Restricted waste subject to variance. List the specific variance:

\_\_\_\_\_

I certify all information submitted is complete and accurate to the best of my knowledge.

|                    |           |       |
|--------------------|-----------|-------|
| _____              | _____     | _____ |
| Printed/Typed Name | Signature | Date  |



WTO1 Toxic Dangerous Waste  
0007 Chromium

F006 Corrosating waste water  
0006 Cadmium